bace 1/1 \* RCVD AT 8/29/2006 11:51:00 AM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-5/1 \* DNIS:2738300 \* CSID:0169072859 \* DURATION (mm-ss):00-44

Malina Halina

US application 09/936/793

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## Claims

- 1) Compound destined to cause immune response in a living organism being the product of the reaction between xanthurenic acid and a protein, in which the protein and xanthurenic acid are covalently linked.
- 2) Compound according to claim 1 consisting of that xanthurenic acid is covalently linked to a protein, a peptide, or a protein sequence.
- 3) Compound according to claim 1 consisting of that this protein is human protein or a protein of another mammal.
- 4) Compound according to claim 1 consisting of that this protein is one bacterial protein.
- 5) Compound according to claim 1 consisting of that the reaction between xanthurenic acid and a protein, in which xanthurenic acid and this protein are covalently linked, is made by an incubation of cells culture in a presence of xanthurenic acid.
- 6) Compound according to claim 1 consisting of that the reaction between xanthurenic acid and a protein, in which xanthurenic acid and this protein are covalently linked, is made by incubation the tissue in a presence of xanthurenic acid.

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